

# MII Playback

Monthly Newsletter

January 1995

Volume 5, Number 1

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### *News Briefs*

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### *Regular Features*

**MII Dude**-recording single-frame animation from the front panel

Monthly Survey

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Next month look for our new updated membership list and all the scoop on NAB '95!

**MII**  
**Users Association of America**



# The Association needs your 1994-1995 membership dues!!!!

*This form and a \$25.00 fee are required to continue membership in the association and receive this monthly newsletter. Please don't hesitate. (Thanks to the many who have already sent in their membership fees!) We have tried to make this form as simple as possible. Please take the time to fill it out now. We would appreciate it if you would take a few extra minutes to provide the information in the "optional" section so that we may better serve the association. This form and your \$25.00 dues must be returned *immediately*. Make checks payable to the MII Users Association of America. Return to: MII Users Association of America, c/o Gardy-*

## Membership Registration Form

Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Type of Business/Services: \_\_\_\_\_

### ***Optional:***

How did you hear about the association? \_\_\_\_\_

Check all that apply: Duplication facility (List additional formats below) \_\_\_\_\_ MII Rental Facility \_\_\_\_\_

MII User \_\_\_\_\_ MII Owner \_\_\_\_\_ MII Dealer \_\_\_\_\_ MII Repair Center \_\_\_\_\_ Other \_\_\_\_\_

If you own MII, how long have you had it? \_\_\_\_\_

What model numbers? \_\_\_\_\_

If you do not own MII, are you planning to get it? \_\_\_\_\_

Additional Comments/Equipment: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Check number: \_\_\_\_\_ Name on Check: \_\_\_\_\_ Date: \_\_\_\_\_

Check or Credit Card (VISA or MC only) Number: \_\_\_\_\_

Expiration Date: \_\_\_\_\_ Authorized Signature: \_\_\_\_\_

***Dues cover the period from Sept. 1, 1994 through Sept. 1, 1995. Below is for office use only.***

Received: \_\_\_\_\_ Membership List: \_\_\_\_\_ Mailing List: \_\_\_\_\_



Sure we're BIG, but we're small too, & that's important. This forms our philosophy towards each of our clients' projects.

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## VIDEOGRAPHY



The above companies and publications have generously decided to sponsor the MII Users Association with an annual gift of \$250.00. We encourage members to show their appreciation to our Corporate Sponsors by supporting these organizations.

If your company is interested in becoming a corporate sponsor of the MII Users Association for the low annual donation of \$250.00, call User Headquarters for details. Benefits include a prominent company listing with your logo on the inside front cover of each newsletter, a complimentary subscription to the newsletter, a certificate indicating

**MII Playback** is a monthly newsletter published by the MII Users Association for the benefit of the members.

*Executive Director* David R. Gardy

*Publications Editor* Jonathan Trenn

The opinions expressed in this publication are those of the individuals quoted and do not necessarily reflect the position of Panasonic, the MII Users Association, or its members. Neither Panasonic nor the association assumes responsibility for the statements made herein nor for the alteration of any technical equipment. It is advised that you consult an authorized Panasonic dealer before attempting to repair equipment on your own.

The MII Users Association can be contacted at:

MII Users Association  
c/o Gardy McGrath International, Inc.  
1950 Roland Clarke Place  
Suite 100  
Reston, VA 22091



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# **Techno-Anarchy Returns!**

**M**

## **EXECUTIVE COMMENTARY** January 1995

### **More "Techno-Anarchy".... Sony Says Disc-based Camcorders Wont Happen**

Another Lesson In 'The more things change,  
the more they stay the same'.

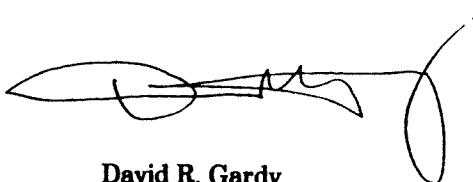
As MII sales move briskly along, much to the chagrin of industry pundits who have predicted the death of analog video, every day brings a new facet of "techno-anarchy" to the forefront. Most recently, in the pages of a January issue of TV Technology (an excellent trade journal , and an MII corporate sponsor), Sony announced their plan for the future. Mr. Larry Thorpe, vice-president of Sony Advanced Systems was quoted as saying the following:

"We are going to go out and say something 180 degrees out of phase with what Avid, Ikegami and BTS say. We did a lot of work on the disk and we know a lot about camcorders. We do not agree (disk) camcorders will succeed in the marketplace"

Great. One of the biggest manufacturers in the business is doing what the patent office did in the late 1800's, announcing that everything that can be invented already exists. Or could it be that somebody still needs to sell some more tape-based camcorders to get the return on the investment in R & D? In truth, the Sony article in T.V. Technology raised some very good points. It demonstrates that the big manufacturers are as perplexed as even the smallest producer. Anarchy Rules! And NAB will be a free-for-all.

Meanwhile, those of us who make their living in production are busy satisfying customers. MII is being used in animation, non-linear interfaces, and even good-old conventional production and post-production applications. Rather than finding ways to justify keeping or abandoning analog technology, smart producers are integrating it with other advancing technologies to serve the needs of paying customers. As much as some would like it to happen, the digital, tapeless, nonlinear, HDTV, future will not happen overnight. That's why interest in

MII continues to be at an all time high and why our association presence at the upcoming NAB will be stronger than ever.



**David R. Gardy**  
**Executive Director**  
**MII Users Association of America**

*In prior issues back to 1992, the MII Dude offered MII technical tips to help members utilize all the features of their MII equipment. We are renewing the column featuring a past tech tip which was helpful to many of our animation oriented members.*

## Technical Corner with The MII DUDE

### Animation Software For The AU-65

#### Purpose:

To record single frame (selectable up to 4 frames) edits, without the use of an animation controller.

#### Features:

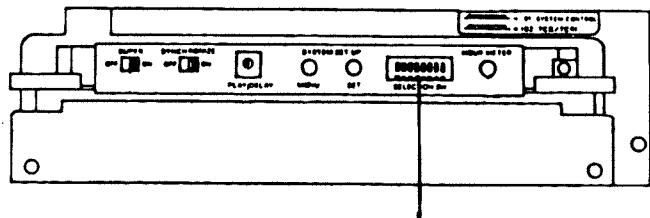
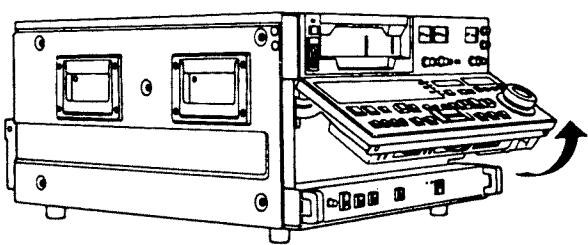
1. Front panel control by pressing the **AUTO EDIT** key.
2. Remote control by triggering **pin 15** of the 50 pin parallel connector with a **LOW** signal. AU-MK25 is required. (minimum pulse width 100ms)
3. The IN POINT is automatically selected from the previous OUT POINT without having to press a new IN POINT (auto tag)
4. Edit duration is selectable (1-4 frames) by using the "Selection SW" on the front of the SYSCON board.

| DIP SWITCH | EDIT LENGTH IN FRAMES |     |     |    |
|------------|-----------------------|-----|-----|----|
|            | 1                     | 2   | 3   | 4  |
| SW-6       | OFF                   | ON  | OFF | ON |
| SW-7       | OFF                   | OFF | ON  | ON |

Requirements: Special Syscon E-prom (IC7) #VSI0634F Version <1.6>-1.0

#### Set-up:

1. Insert the new E-prom on the Syscon board VEP86088A
2. Set dip switch #8 to **ON**, if switch #8 is off, the unit will function normally.
3. The number of frames to be recorded can be set with switches #6 and #7, according to the table above.



Control: The editing operation can be controlled by two methods:

1. Either a computer or hand held switch can be connected to pin 15 of the 50 pin parallel connector. A low signal will activate the edit, provided "REM1" is selected.
2. Pressing **AUTO EDIT** (without entering an IN POINT) and the auto tag function will be activated. The remote switch should be in LOCAL.

*For additional information, contact your Panasonic regional Field Application Engineer or your regional service center.*

## Fellow MII Users Come to the Rescue in the Aloha State!

Five thousand miles from home and three full hours from civilization, MII User **Ken Santucci** was in big trouble. He had never been in this part of the world before. He didn't know anyone he could turn to.

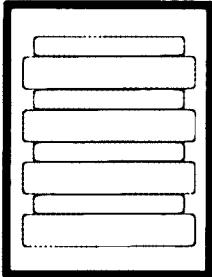
Was he in trouble with a hostile foreign government? Did he leave home without his American Express Card? No. While vacationing in Hana, a remote village located on the eastern tip of Maui, his battery charger failed for his two battery belts. Unable to use his NRG to videotape the beautiful Hawaiian scenery, and without a clue as to where he could turn, he came up with a solution: contact the MII Users Association about Hawaiian members.

We gave him the names of association members in Maui.. He promptly contacted **Bob Ramacher** of **Video Concepts** in Kihei for assistance. Luckily for Ken, Bob was in, and more than willing to help out a fellow MII User.

Ken owns **AMPROD Inc.**, a Vienna , Virginia production company. He surmised that the charger must have broken in transit from the mainland. A quick replacement of any part was impossible because the closest dealer or repair center was a couple thousand miles away in California.. Bob, a part owner of Video Concepts with Kevin Harrington (another association member) knew where to turn. Ken made the three hour trek to Kihei in hope of fixing his problem. Bob and Kevin knew a technician who managed to take apart and rebuild the equipment within hours. Soon after, Ken once again found himself shooting the lush landscape.

Editor's note: Congratulations to Bob Ramacher and Kevin Harrington! We're sending them a complimentary set of MII training tapes (\$100.00 value) to recognize his efforts in helping a fellow member in need.

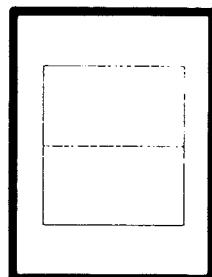
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| 100    | 400            | \$31.00  |
| 250    | 1000           | \$73.00  |
| 500    | 2000           | \$145.00 |
| 1000   | 4000           | \$239.00 |

| Sheets | Inserts | Price    |
|--------|---------|----------|
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| 250    | 500     | \$46.00  |
| 300    | 600     | \$54.00  |
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### MII Users Association Members

The MII Users Association is pleased to announce a special arrangement with Airborne Express that gives our members access to the best price and service package in the overnight express industry!

Thanks to this terrific program, you can ship all of your overnight packages for a lot less than you would with other carriers. For example, with Airborne Express, you pay only \$8.75 for a standard 8oz. Overnight Letter Express when you ship a minimum of 10 shipments monthly.

MII Users Association members who don't meet those shipment volumes can still benefit from Airborne's Member Program, paying only \$9.25 for standard Air Express Letter delivery. Both the \$8.75 and \$9.25 rates include *free pick-up and next morning delivery* from most locations. Discounted international shipping is also available.

Additionally, members save even more when they deposit their shipments in an Airborne Drop Box, paying \$7.50 for an 8oz. Overnight Letter Express.

Airborne Express has been one of the fastest growing air express carriers in the U.S. for the past ten years. Members will receive next-day delivery service, flexible free pick-up from most locations, 24-hour customer service, instant package tracking, free shipping supplies and service to virtually every U.S. zip code and more than 200 countries.

We urge you to take advantage of this program. There are no enrollment fees or contracts to sign. Just one easy call to **1 (800) MEMBERS** or Fax to **(703) 461-5222** from you will ensure quick delivery of your Airborne Starter Kit.

We will update the Association next month to the finalized details. So stay tuned for more information!

## Have you returned your membership registration form and \$25.00 dues?

If you have not, please do so immediately!!! *Make checks payable to the MII Users Association of America.* Return form (found on page 2 of this newsletter) and payment to:

MII Users Association of America  
c/o Gardy-McGrath (Int'l), Inc.  
1950 Roland Clarke Place, Suite 100  
Reston, VA 20091  
(703) 620-6000 or 1-800-966-1030

### HELP!! We Need Your Footage!

## VMS (Video Management Systems)

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*The following is a current list of authorized Panasonic Dealers Who have sponsored the MII Users Association with contributions of \$250.00 We appreciate their support and urge all users to support them in return!*

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Eimsford, NY 10523  
(914) 592-4151

Communications Televideo  
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Silver Spring, MD 20910  
(301) 585-6311

Crimson Camera Tech Sales  
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Cambridge, MA 02139  
(617) 868-5150

DSI Video Systems, Inc.  
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Kenilworth, NJ 07033  
(908) 245-4833

Eastern Video Systems, Inc.  
2 Sterling Rd.  
Billerica, MA 01862  
(508) 667-0009

High Fidelity House, Inc.  
1001 Sussex Blvd.  
Broomall, PA 19008  
(215) 544-4420

Levin Professional Services, Inc.  
11157 Viara Mill Rd.  
Wheaton, MD 20002  
(301) 942-6800

Quail Video Productions  
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Pittsburgh, PA 15221  
(412) 243-1300

R.P.C. Video, Inc.  
384 Route 909  
Verona, PA 15147  
(412) 243-1300

Seneca Communications Inc.  
1321 Dunbar Ave.  
Dunbar, WV 25064  
(304) 766-8740

Specialized Communications (KEY)  
907 Maryland Ave.  
Hagerstown, MD 21740  
(301) 790-0103

Videoplay Industries, Inc.  
RT30 Tolland Ind. Park  
Tolland, CT 06084  
(203) 872-9195

## Midwest

Alpha Video & Audio, Inc.  
7711 Computer Ave  
Edina, MN 55435  
(612) 896-9898

Avonix Video Ayatems, Inc.  
3495 N 124th St.  
Brookfield, WI 53005  
(414) 783-6050

B&J Photo, Inc.  
525 North Main St.  
Findley, OH 45040  
(419) 424-0903

Beatty TeleVisual, Inc.  
1287 Wabash Ave.  
Springfield, IL 62704  
(217) 787-4855

Communications System Group  
13355 Capitol Ave.  
Oak Park, MI 48237  
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Full Compass Systems, Inc.  
5618 Odana Rd.  
Madison, WI 53719  
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Industrial Broadcast Services  
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(918) 663-5126

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Elk Grove Village, IL 60007  
(708) 364-1900

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Omaha, NE 68137  
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Thalner Electronics Labs, Inc.  
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**Studio Spectrum, Inc.**  
1056 N. Lake St.  
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(808) 843-1610

**Troxwell Communications**  
4030 South 38th St.  
Phoenix, AZ 85040  
(602) 437-7240

**Tulsa Electronic Systems, Inc.**  
4727A So. Memorial  
Tulsa, OK 74145  
1-800-322-9220

**TV Specialists, Inc./Video**  
180 East 2100 South, Suite 104  
Salt Lake City, UT 84115  
(801) 486-7555

**Video Store, Inc.**  
2601 McHale Ct. #140  
Austin, TX 78758  
(512) 837-2000

**Video Technical Services, Inc.**  
222 Truman NC  
Albuquerque, NM 87108  
(505) 265-4045

**Vidicomp Distributors Inc.**  
232 W. 38th St.  
Houston, TX 77018  
(713) 694-6400

**Waterford Group (The)**  
307 Orchard City Dr. Ste. 102  
Campbell, CA 95008  
(408) 374-8550

#### **Southern**

**Allied Communications Corp.**  
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Nashville, TN 37210  
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**Audio Fidelity Comm. Corp.**  
4120 Cox Rd.  
Glen Allen, VA 23060  
(800) 745-9201

**AVEC Electronic Corporation**  
2002 Staples Mill Rd.  
Richmond, VA 23230  
(804) 359-6071

**Custom Supply, Inc.**  
2509 5th Ave. South  
Birmingham, AL 35233  
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**Delta Electronics**  
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Jackson, MS 39204  
(601) 969-2929

**Electric Image Media Systems**  
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**Technical Video Systems, Inc.**  
215 N. Broad St.  
Winston-Salem, NC 27101  
(910) 748-0916

**Total Audio Visual Services**  
811 Marietta St.  
Atlanta, GA 30318  
(404) 975-7555

**Video Production Systems, Inc.**  
8875 N.W. 23rd St.  
Miami, FL 33172  
(800) 666-1699

**W.H. Platts Co.**  
234 Meacham St.  
Charlotte, NC 28203  
(704) 332-9053

## **MII Job Shop**

#### **Position Wanted**

Sales representative for an A/V Equipment Manufacturer. Thirteen years experience as an Audio/visual Specialist with a large corporation

**Experienced On-line MII Editor,** preferably PALTEX and IMPACT DVE expertise, must be willing to relocate to the Washington, DC area, salary commensurate with experience. Ref. #9202A

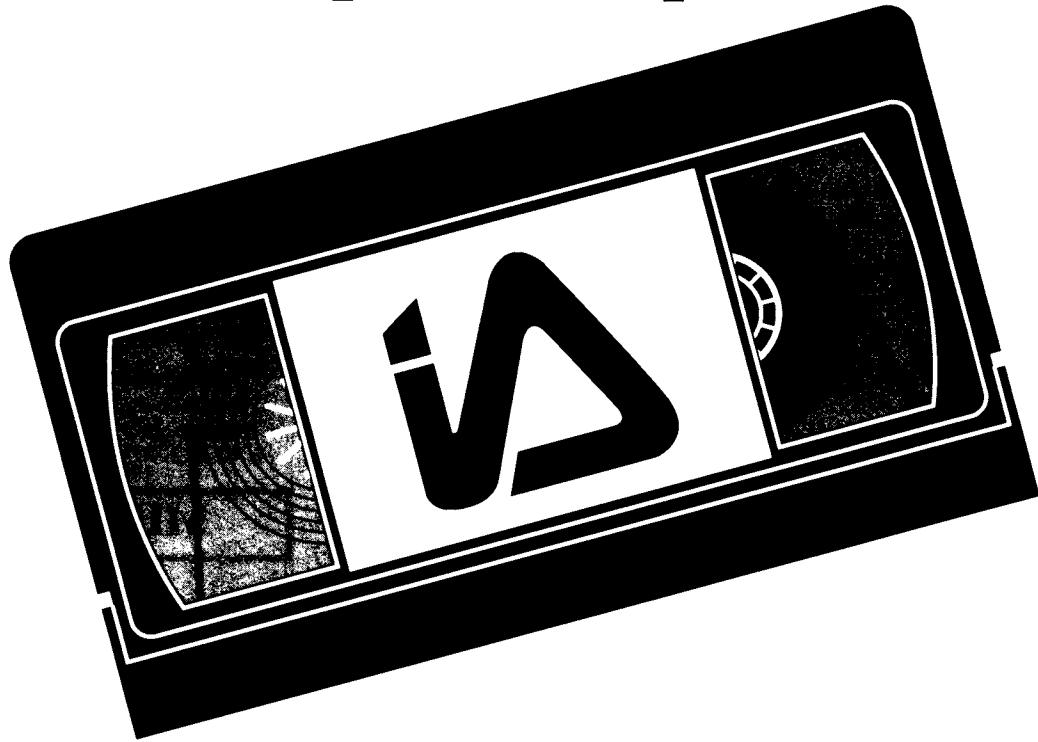
**Experienced Amiga Graphic Artist,** 2-D and 3-D capability, familiarity with MII desired, must be willing to relocate to the Washington, DC area, salary commensurate with experience. Ref. #9202B

Send resumes and sample tapes to the Association. Please state which position you are interested in.

**Technician**, Experienced and entry level positions available. AA in Electronics required. Work on Broadcast MII video tape machines and camera. Some transmitter work. Drug screen required. WHAG-TV is a small market NBC affiliate. We offer a comprehensive benefit package, including 401K and section 125 plans. Send resume and salary requirements to personnel, WHAG-TV, Dept. M, 13 East Washington Street, Hagerstown, MD 21740. No phone calls. EOE.

*All responses will be kept in strictest confidence. □*

# Your Source for MII Video Tape Duplication!



**Specializing in the Following Formats:**

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| M II       | VHS     |
| 1"         | S-VHS   |
| Betacam SP | Betamax |
| Hi 8       |         |
| 3/4" SP    |         |

**PAL, SECAM**

|                  |
|------------------|
| VHS              |
| S-VHS (Playback) |
| Betamax          |
| Hi 8             |
| 3/4" (lo-band)   |

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## **MII Duplication Facilities**

If you are a duplicator and you are an MII User, the Association needs to know about it.  
*Currently our list includes:*

**Action Duplication** Conshocken, PA 1(800) VHS-DUBS  
**Action Video Productions** Greenville, SC (803) 297-8865  
**Alpha Video & Audio, Inc.** Edina, MN (612) 896-9898  
**American Production Services** Seattle, WA (206) 282-1776  
**Advanced Audio Video** Denver, CO 800-368-0406  
**American Magnetic Media** Denver, CO 800-USA-TAPE  
**AME** N. Hollywood, CA 800-336-3827  
**Avon Productions** South Plainfield, NJ (908) 756-0643  
**Bennu Productions** New York, NY (212) 213-8511, Wayne Keeley  
**Broadcast Video Products** 480 Main St Armonk, NY (914) 273-6649, Jack Miller  
**Cassette Dub Inc.** Northvale, NJ (201) 767-7077  
**CenterCom, Inc.** Milwaukee, WI (414) 353-2001 Lincolnwood, IL (708) 675-1411 Tampa, FL (813) 886-8266  
**Commercial Video** 101 Winston St., Cumberland, MD 21502 (301) 724-2799, ask for Greg.  
**Commonwealth Films** Richmond, VA (804) 649-8611  
**Copymaster Video** Villa Park, IL (708) 279-1276  
**Cinequipt** St Paul, MN (612) 646-1780  
**Creative Visual** 10135 J St., Omaha, NE 68127 800-547-4184, ask for Larry.  
**Curtis Inc.** Charlotte, NC 800-733-2878  
**Curtis Inc.** Cincinnati, OH 45202 800-733-2878  
**ECI** Dallas, TX 800-880-9400  
**Elite Video Production** Brooklyn, NY (718) 627-0499

**Global Vision** Reisterstown, MD (301) 356-6715

**Group Video Productions** Sacramento, CA 1-800-748-4982  
**HAVE, Inc.** Hudson, NY (518) 828-2000

**Industrial Audio Video** Houston, TX (713) 535-2375  
**Industrial Communications** Birmingham, AL (205) 942-0132

**International Video Center** 2528 Edgehill Rd Cleveland Heights, OH 44106 (216) 321-1440

**Juntunen Video** Minneapolis, MN (612) 341-3348, Mike Vinup  
**MagneTech** Ft. Lauderdale, FL 800-683-DUPE

**Majestic Video** Burbank, CA (818) 843-1806, Cliff Sawyer

**Master Images Video Duplication, Inc.** Wheeling, IL (708) 541-4440

**Media Concepts** St. Petersburg, FL (813) 321-2122, 800-330-3873

**Multi-Magnetics** Denver, CO (303) 825-7768

**Network Video Services** Alexandria, VA 800-289-DUBS (3827)

**Park Avenue Productions** Richmond, VA (804) 346-3232

**Preston Trucking** Preston, MD (410) 673-2930

**Pro Line Video** Austin, TX (512) 837-2000 x30

**Quinn Productions** Winston-Salem, NC (919) 768-2746

**Sign Media, Inc.** Burtonsville, MD (301) 421-0268

**Shooby-Dooby Duping** Orange, CA (714) 744-4041, Terrence West

**Televant Video Services** Oak Park, IL (708) 383-5588

**USF&G Corporation** Baltimore, MD (410) 578-2916, Steve Kuhn

**Vaughn Communications:** Minneapolis, MN 800-323-0281 Creve Coeur, MO (314) 576-6804 Phoenix, AZ 800-228-7609 Milwaukee, WI (414) 276-6511 Tampa, FL 800-252-7564 New York, NY (212) 447-1038 Portland, OR 800-772-2251

Atlanta, GA 800-966-0859  
Irvine, CA 800-228-7609

**Video Duplication** Atlanta, GA 800-235-9732

**Video Duplication Services** Columbus, OH 800-289-4301 Dayton, OH (513) 294-5883 Cleveland, OH (216) 741-3827 Youngstown, OH (216) 792-3827 Detroit (Troy), MI (810) 680-9100

**Video Management Systems** Indianapolis, IN ((317) 639-6163

**Video on Location** Rockville, MD (301) 984-5823

**Videoland** Lacey, WA (206) 491-1332

**Video Now** 610 S. Central Ave. Kent, WA (206) 852-1186

**VideoPlay Industries** Rockville, CT (203) 875-5211

**Video Proofs** Rohnert Park, CA (707) 586-0383

**Video Replay** Chicago, IL (312) 467-0425

**Video Techniques, Inc.**, Bradenton, FL (813) 746-4949

**Video Transfer** Rockville, MD (301) 881-0270

**Vidicomp Distributors** Houston, TX (713) 694-6400

**VIP Duplication** 2908 Cameron St., Suite-B, Monroe, LA 71201 (318) 322-8222, Phillip Nelson

**VU Video** Denver, CO 800-637-4336, Eric Wheeler

**Wilderness Productions** S. Lake Tahoe, CA 800-874-7488, in CA (916) 577-3008

**WGVU/WGVK-TV** Grand Rapids, MI (616) 771-6666, TDD 800-748-0488

**WPSD-TV** Paducah, KY (502) 442-8214, Bob Fesmire

**Your Video Productions** Costa Mesa, CA (714) 645-9687

*Canadian Duplicators:*

**Agincourt Productions** Richmond Hill, Ontario (416) 886-8273

**Inter-cite Video** Montreal, Quebec (514) 342-4545

**Lynx Video Production** Toronto, ON (416) 516-0270, Jim Blake

**Marine Video** 1955 Wylie St. Vancouver, B.C. V5Y 3N7

*If your company isn't listed here, please call 1-800-966-1030. □*

## Monthly Survey Questions

Please Respond! Thank you to those who responded to last month's survey.

*Each month, the Users Association polls users on specific MII issues and publishes the results in the next newsletter. The association wants to know which members plan to attend the NAB Convention 10-14 April 1995. We want to meet all MII users who are traveling to Las Vegas, so please take a few minutes to answer these questions and fax/mail the form back to headquarters.*

(1) Are you planning to attend the National Association of Broadcasters Convention in Las Vegas?  yes  no

(2) If so, in what hotel are you staying? (Please provide address, phone number, and room number if known.)  
\_\_\_\_\_  
\_\_\_\_\_

(3) What dates will you be at the convention/in Las Vegas? \_\_\_\_\_  
\_\_\_\_\_

(4) Do you plan to attend the MII Users Association meeting that is being held on Tuesday, April 11, at the Riveria Hotel?  yes  no

(5) Are you interested in getting a ride to and from the Convention Center and your hotel from the MII Users Shuttle?  
 yes  no

(6) Ideas/suggestions for the MII Users Association's booth at NAB 1995 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*It is important for the membership that you respond to these questions, either by mail, phone or fax as soon as possible. Thank you for your input. 24-hour fax line (703) 620-0451 Phone (800) 966-1030 or (703) 620-6000.*

MII Users Association of America  
c/o GMG (International), Inc.  
1950 Roland Clarke Place, Suite 100  
Reston, VA 22091

*Optional*

Name \_\_\_\_\_

Company \_\_\_\_\_

Phone \_\_\_\_\_

## December Monthly Survey Results

Each month, the Users Association polls members on specific MII issues and publishes the results in the next newsletter. Last month, we asked our JVC NII users about their experiences in interfacing JVC and Panasonic equipment. We have accumulated a great deal of information on this which will be compiled in a later article. Here are some of the most recent responses.

- 1) Have you ever tried to interface JVC and Panasonic MII equipment? (i.e. Play tape recorded in JVC in Panasonic unit or vice versa.

Yes - 67% No - 33%

- 2) Do you own JVC MII equipment, if so which models and in what application are you using it? How are you servicing your JVC MII equipment?

- \* 2 KR-M-800 Edit Deck (no TBC), source deck w/ est. TBC (SAT-310), 1 KR-M-460, 1 KA-3UA (Camera component output adapter to KR-M460) Factory Service.
- \* JVC KRM 820 and 800.
- \* 2 820 MII Local JVC SVC, JVC 820 MII into 3000 JVC Switcher, JVC KPM-26OV (really a Panasonic) MAKY-25
- \* Yes. JVC. KRM-800U Edit Recorder. I use it as a master deck in a toster A/B Roll System. The system includes S-VHS, 3/4" SP and MII.

- 3) If you have interfaced the MII equipment produced by these two manufactures, what symptoms did you note, if any?

- \* None.
- \* JVC's jproduced non-standard video - flashes, glitches, etc.
- \* JVC 800's noisy picture. Screen right loses color info in vertical plane. JVC RM G860 controller aborts edits until 4-5 try. JVC 800 Drum Locked (seized-up).

## Turn Betacam production clients into MII Users!

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# MII Trading Post

*Please contact us when the equipment is sold!!!*

## Equipment Wanted

**Wanted:** Used MII Tapes. Any length. Contact Jamie Dotson. (800)842-4273. 1/95

**Wanted: Panasonic MII Camcorder Model WVF 500 and AU 45** Back-Send cash price and condition. Bob Benson Video Film. (508) 432-1200. 1/95

**Wanted: Panasonic AU-550 Field MII editing VCRs.** Any condition.

**Spare Parts Inventory for AU-550,** especially printed circuit boards. Contact Jonathan Meyers at (612) 642 4637. 12/94

**Wanted:** PC video card that will render \*.TGA files at NTSC 720 x 486 resolution or greater. Needs Component or RGB outputs. Call Gary Dansie, Options Inc. (801) 467-7421 11/94.

**Wanted: Amiga 2000/2500.** Need CPU, will consider some extras-cheap. Also want rear-screen fabric or panel. 4'x6' or larger; Panasonic interfaces for IVES II. Contact Steve Braker at (608) 251-8855.

**Wanted: MII player and Sony 5850 recorder.** Call Peter at (818) 888-8673.

**Wanted: Alamar 1055 and SC 2000's,** used or new. Call John Bishop (704) 398-0046.

**Wanted: Amiga Computers & related hardware,** as well as used working prosumet video equipment. Copperhead Technologies. (518)346-3894.

## Equipment for Sale

**Sony BVU 25 Beta Portable with AC.** \$4000. Call Dave Andrews at (801) 272-3031. 1/95.

**AU-65H MII Studio edit recorder. Dealer demo with warranty-\$8250.** Call (800) 451-1452. 1/95

**Panasonic AGA800 w/RS422 cables,** \$3150. **Panasonic AG7750 w/TC,** \$4230. **Panasonic AG 7650 w/TC** \$3384. **Hitachi Z One - B w/AG 7450A w/TC,** \$11,365. For details, contact Bill at (503) 598-9142. 1/95

**Ampex ADO 100,** \$11,000. For info, call Neil Stewart at (713) 336-7816. 1/95

**Panasonic Supercam AGDP800XL with 14x Lens, Case, Tripod Plate, 2-Anton Batteries & Charger,** \$7570. **Panasonic AGDS840 Source VCP with Digital Slo-Motion.** \$4360. **Shure M267 Microphone Field Production Mixer,** \$380. **Mackie CR1604 16x2 Audio Mixer,** \$725. **Eiki LC5200 Data Video Projector,** connects direct to computer, \$7550. Call Greg at (607) 687-0545. 1/95

**MII Studio Recorder/Player, JVC KRM 800u,** used at authorized repair shop, fully tested, brand new head, \$2950 or best offer. Call Tom Miller at (406) 222-6733. 1/95

**Sony 3000 Chip Camera, Case, Tripod Plate, Cable for U-Matic Recorders, Porterbrace Rain Cover.** Well maintained, excellent condition Futron 12x Lense. \$2850 Bob Benson Video Film (508) 432-1200. 1/95

**Panasonic MII AU-62H Deck,** \$3,965.00. Two Panasonic MII AUW33HP Decks \$4720.00/ each. **Panasonic GP-KS152 Micro Camera System,** \$1,670.00. **Turtle Beach 56K Digital Recording System,** \$917.00. Alesis ADAT 8 track digital recording system, 1,940.00. Alesis A1-1 AES-EBU, \$565.00. **Alesis BRC Remote Control,** \$1,078. **Hafler Series 9500 amplifier,** \$1,160.00. **Millenia Media HV-3 preamp,** \$803.00. **Audio-Technica AT4033 microphone,** \$377.00. All of the above equipment is in mint condition and is still under warranty. Contact Blair Stackaruk of Double Exposure Ltd., 100-401 King Edward Ave., Ontario, ON, K1N-9C9. Ph (613) 236-6518 Fax (613) 237-4697. 12/94

**JVC KRM 800U MII recorder/editor,** excellent condition w/ new heads. Asking \$4,000.00. **V Laser Disc Player - SONY, MDP 333,** plays all CD's \$300. **Stereo Mixer- Roland/Boss, BX-8,** 8 channel, 1/4" studio mixer \$299. Contact Bill Tucker (518)356-0334 10/94

**AU-65 w/ AUF65** \$5,000, AU45H never used/full warranty \$3999 Call for details. Contact Brent (503) 598-9142 10/94

**JVC, BR-S611U, S-VHS Recorder** with rack mount hardware, 500 hours, like new, \$1795. Contact Ron at (516) 285-7146 10/94

**2-AJ-D350 Panasonic D-3 Recorder,** \$33,000. ea 1-AJ-D320 Panasonic D-3 Camcorder \$25,000. Contact Juan C Carrillo (305) 592-2034 10/94

**Panasonic 300 CLE camera w/full studio kit,** \$3500. **AU-400 MII dockable recorder w/ VT-10 docking adapter for 300CLE camera,** \$3000. **Panasonic AG-7400 AVHS portable,** \$1000. Ite-40 tripod, \$500. **Panasonic AU-65's Edit Recorders,** \$5000ea. **Panasonic AU-63 slo-mo player (new head)** \$6000. **Panasonic AG-7750 SVHS Edit recorder w/TC,** \$4000. Contact Vin Sisson at (216) 527-2182 11/94

**FOR.A CVM 400 6-input component switcher,** 2yrs. old \$10,000. **Sony VO-8800 3/4" field recorder w/TC option,** very little use, \$2500. **Sony VO 4800 3/4" field recorder** \$750. Chris Turner (318) 325-1544 9/94

**Must Sell! AU65H Editing VCR.** Like new! New drum has only 150 hours of use. Low "power on" time. 1.5 yrs old. Full documentation and manuals included, \$7500 or B/O. Contact Bruce Edwards (714) 583-7837. 9/94

**Panasonic AU-60 recorder/player,** needs playback hds. still records fine, \$3,500. **Ampex Ace Micro Editor w/ joystick monitor & software,** \$3,225. **TM-90U Color Monitor 2**

channel w/ multi pin RGB input, \$200. **JVC BR64000 VHS player/recorder,** \$100. Contact Dan Hall at Video Management Systems. (317) 841-1212 11/94

**Panasonic PTB1010UF 120"** Video Projector Sealed New in Box \$4,700 (\$9,350 Retail) **Panasonic DM7010 Dockable WVF700 and AU410** only 10 hours demo \$10,800 (\$24,000 Retail). **Panasonic BTM1310Y Monitor A/B split screen, RGB, pulse cross** \$1,000 (\$2,000 retail). **AU55H demo,** \$9,400. **AU65H demo,** \$11,200. **AU66H demo,** \$14,000. All include Full New Warranty and Shipping! Greg LaDue (607) 687-0545, 9am -6pm, E.S.T. 8/94

**Panasonic AU-550 studio/field MII editing VCR w/ D.T., VITC & LTC T.C., simple TBC, 4 ch. audio, AC & 12 volt DC power, built-in serial edit controller for one source, only 50 lbs but rack mountable, \$4,995. **AU-50B CTCM TBC** for use with AU-500, 520, & 550 and three JVC KR-M820U MII editing VCR w/ built-in A/B roll edit controller, serial and parallel interface, LTC T.C. board, 4ch audio, Y-C in & out, edit status and T.C. window dub output, excellent condition \$4,595. **Panasonic WV-F700M digital processing 2/3" 3CCD camera** (factory demo) docked to used AU-400 MII deck, new V.F. & tripod plate \$9,950. Various lenses available starting and \$695.**

**Panasonic WV-F200A ENG camera package w/ MII and Y-C output** \$2,995. **DSC/Chyron Illusion 3D DVE loaded** \$4,295. **Desktop Digital Video system featuring TAST Video Machine or Pinnacle Alladin w/ TAO editor.** Call Wiegand Audio Video Labs. (614) 967-0059 or fax (614) 967-4453 8/94

**Hitachi Z31 Cameras** (3) excellent cond. w/ complete ENG & studio kits \$5000ea. **Hitachi SK70 Cameras** (2) Good cond., B/O. **Sony BVU 200 Editing System** (3/4), very good condition, \$975. **ISI 902 Switcher** very good cond., B/O. **Chyron VP1 character generator w/12 fonts,** B/O. **Arvin Echo Slo Mo,** needs work, make offer. **Panasonic WV2150 Cameras** (2) w/ rear control lenses (studio cams), make offer. Contact John Cahill (908) 269-0100 (NJ) 11/94

**3 JVC CR 850 VTRS,** \$2700 each. **1 Sony VO 5850 VTR,** \$3500. Contact Leslie Ricci at (714) 777-4510 8/94

**Various MIDI gear** (Roland, Yamaha, others) for audio production. (sequencers, synths, sound modules, digital FX, etc.) Contact Pete Schaefers. (503) 267-7120 8/94

**Interformat IVES II A/B V2.4C controller,** frame accurate, programmable A&V fades, GPI, capstan bump, EDL print & serial, sync & BB gen, LTC gen/read, w/ 3 parallel interfaces, excellent, \$1450/B0. **IVES II cuts system,** \$950. **A/B Box,** \$650. Interfaces for above: 3JVC, 2Sony, 1Panasonic, \$175 each. Contact Steve Braker at (608) 251-8855 8/94

**O'Conner 50 Fluid head** on wooded legs w/ spreaders. Good cond., \$1,275. All carry a 30

day warranty. **Ampex ADO-100 DVE**, 3D Option & Upgraded software, \$16,000. **Graham Patten 1241 Linear Keyer**, 6 level w/drop shadow, hard/soft keys matte gen., adjustable masks, ext. video GPI and more, \$4300. **JVC KM-2000 Switcher**, \$1500. **Panasonic WJ-5500A Switcher**, \$775. **Matthey Video Delay Line**, o to 320 NS, \$225. **Panasonic 3/4" AB roll sys.** w/ 3-AU-700's, AUA70 controller, AU-J10, good offline system w/manuals & spares, \$2,900. Much more, owner retiring. Call for full list. **Contact Bob Pooler at (508) 263-7727 (Boxborough, MA)** 8/94

**Panasonic AU-410S, AU-63, AU-65**, all approx. 2000 hours, package deal, \$15,000. **Contact Don Atchison at (613) 821-7783 (Ottawa)** 8/94

**JVC CR-4700 3/4" portable recorder** w/ time code, batteries, and portabrace. Just rebuilt. **Complete Animation/Graphics System**. 486 computer with 600 Meg. hadr drive, diaquest controller and targa 64+ board. Software includes Topas 4.0, Tips, Rio, QFX, Logo Editor, Panorama, and Lumena. Originally purchased for \$28,000, asking \$17,000. Laird 1500 character generator with 1032 encoder and 70 fonts, \$3,500. **Contact Jordan Gershon, MAJEC Video Productions (913) 894-1188 (Overland Park, KS)** 8/94

**JVC KRM800U MII Editing VCR**. Low hours, excellent condition. \$3,400/BO. **Contact Alan (610) 649-8482** 8/94

**Alta Centaurus Dual Channel TBC Digital Effects/Stillstore System**, \$7,500. **DUBNER SK Character Generator**, \$3,500. **Paltex Abner A/B Edit Controller**, \$2,500. **Contact Mark Johnson at Reel Video Productions, (814) 695-8054 (Hollidaysburg, PA)** 8/94

**Panasonic WV VT 15 MII Docking Adapter** for Panasonic WV F2 50, new, \$800. **Contact Tom Tautges with Audio Visual, 1-800-862-2339 (Plymouth, MN)** 8/94

**JVC KY210B 3 Tube** w/ Fujinon 16x1. Hard case, tripod plate in excellent cond. Was used as back-up Cam only. Rated over 700 lines, \$2,495. **JVC CR4900U 3/4" Portable** w/ portable case. Exc. cond., \$1,000 firm. **Contact George at Video Proofs, (707) 586-0383 (Rohnert Park, CA)** 8/94

**AU-63, AU-65, AUF-65, DM7010**. **Contact Gerry Levine with B.O. at (508) 667-0009** 8/94

**Panasonic S-VHS Professional Edit Package**. AG7750 Edit Recorder w/ time code, AG7650 Source Player w/ time code, AGA770 128 Event edit controller, all interface cables. Demos w/ one year warranty! Only \$9750 (\$18,410 list). **Contact (607) 687-0545, 9am-6pm, E.S.T. (Owego, NY)** 8/94

**Compuvideo waveform monitor/vectorscope**, \$1429. One year warranty. **Contact VIZ Tech at (718) 714-9873 (Brooklyn, NY)** 8/94

**Used Amgia Video Toasters**, Amiga 2000's, 3000's, & 4000's. **Contact Bill Tucker, Copperhead Technologies, at (518) 346-3894**

ext. 300. **(Schenectady, NY)** 8/94

**JVC KRM8200U**, editing recorder, MII format, usable condition, \$5500 each. **JVC KRM460U**, MII format, porta-brace case, charger, usable condition, \$4500. **Logic 8 sound workshop**, recording mixing console, 20 channel, usable condition, \$1600. **Paltex Abner 5700104** editing controller, special effects, usable condition, \$1200. **JVC BR-S610U Super VHS recorder/player**. excellent condition, \$1000. **Please contact John Hesse at (901) 587-7561 or Wayne Gilmer (901) 587-7560 (Martin, TN)** 8/94

**MII camcorder** Panasonic 200 3CCD camera/AU-400 docking recorder, \$4,995.00. **Contact Peter at (818) 888-8673** 8/94

**-KRM 800 editor**, under 100 hours on new heads, \$4,500 or best offer. **Contact Scott Green at (608) 274-9944** 8/94

**Panasonic AG7750 Pro SVHS Recorder**, w/ SMPTE card, built-in TBC, ex. cond., \$5,000. **Contact Bryan Winsby at (913) 236-6088** 8/94

**3 Hitachi Studio Cameras**, Model FP-40S, w/ CCU's, cables and ITE tripods. Complete pkg \$ 1500, nego. **Contact (804) 743-1171, ext. 238** 8/94

**Panasonic AU-65 studio player/recorder** w/TC reader/generator, 560 drum hours, \$10,000. **AU-63 studio player** w/ auto tracking, TC reader generator, 320 drum hours, \$10,750. **AU-62 studio player** w/TC reader/generator, 470 drum hours, \$6500. **(2) Panasonic BT-H1350Y 13" studio monitor** \$700 each. **AG-7750** w/ timecode reader/generator less than 200 hours, \$5,000. **Grass Valley 110CV component switcher**, 8 user selectable inputs, chroma keyer, pulse regenerator, extender module, all operating and service manuals, used less than 900 hours, \$12,000. **AU-410s** w/ less than 100 hours docked to WV-F250H cameras w/WV-VT15 MII docking kits. Loaded. **Brand new MII Tapes**: M90L \$46 ea., M60L \$30 ea., M30L \$20 ea., M10L \$10 ea., M20S \$15 ea. **Contact (307) 332-9714 10am to 7pm E.S.T.** 8/94

Another Sony 3/4" studio shuts down, and the equipment is being sold here!

**Sony DXC-M3A camera** and accessories inlusing case, 2 extra DXC-M3A camera heads, extra DXFM3A/D viewfinder, CMA-8 camera AC adapter. Total package price \$3,100. **Sony VO-6800 field deck** w/ case, \$1,400. **Sony VO-6800 field deck** w/ case, little used \$1,800. **Sony BC-1WA battery charger** w/ four NP1B's, \$475. **RCA racks**, (2) 5-1/2 ft., \$200ea. **Sony VO-5600 3/4" recorder**, \$1,000. **IVC ABR-1A A/B roll edit controller** w/ monitor & printer (sony tape 5), \$600. **2 Sony VO-5850 3/4" editing decks**, Sony RM440 controler w/ cables, total package \$5,900. **Crosspoint Latch 6119 Switcher**, crosspoint latch 6061 matrix pattern wipe generator, total package \$500. **Alta Pyxis 2 input TBC** w/ digital effects generator, \$1,900. **Quanta QCG-500 graphic titler** w/ 2 drives and camera capture, \$3,200. **Contact Charlie Weber at (302) 764-3400** 8/94

**JVC KR-M820U Edit/Recorder** with TC, \$4,000.00. Good condition, needs some "tweaking." Heads are good. **Contact Jim (816) 235-1096 (Kansas City, MO)** HURRY! 8/94

**JVC KRM 800U recorder/editor**, excellent condition w/ new heads. Asking \$4,000.00. **Contact Rick Carr (813) 821-1130 (Clearwater, FL)** 8/94

## Facilities/Suites

**A/B ROLL EDIT Suite**, includes (2) Panasonic AU-65's Edit Recorders, (1) AU-63 slo-mo player, (1) Panasonic AG-7750 SVHS Edit recorder, Alta Pegesus switcher, For-A 3000 3D DVE, Inscripter CG package w/ 486DX2-66 PC, Editing Technologies "CMX style" editor w/ serial control, Tascam 688 midi studio 8-track cassette, audio router and mixer, System wired Y/C, all cables furn., system is working and producing programs daily. Asking \$39,000. **Panasonic 300 CLE camera** w/ full studio kit, \$3,500. **Panasonic AU-400 MII dockable recorder** w/ VT-10 docking adapter for 300CLE camera, \$3000. **ITE-40 tripod**, \$300. **Contact Vin Sisson at (216) 527-2182** 11/94

**We're going Digital!! MII A/B Roll FULL COMPONENT Edit Suite**, includes (1) **Panasonic AU-60 MII edit/recorder**, (1) **JVC KR-M820U MII edit/recorder**, (1) **JVC KM-F250 TBC**, (1) **JVC KM 3000 Seg/switcher**, **Microtime Genesis Act 1 DVE**, **Laird 1500 Character Generator**, **Lenco RGB-Composite Color Encoder**, **Sigma CSG-460 Sync Generator**, **Sigma SVC-213 Routing Switcher**, **Monitors**, **Winstead 5 bay rack mount counsel**, cables. Documentation included. System in full working order. \$45,000. **BONUS! Includes up to 20 hours of System Engineer set-up time if purchased in Mpls/St. Paul Metro Area before February '95. (additional Materials/cables extra)**. **S-VHS CUTS SYSTEM** w/ A/B roll expandability, includes (2) **JVC BR-S810U edit/recorders**, (2) **13" system monitors**, **Paltex Abner parallel edit controller** with TC, 9" B&W status monitor, all cables to allow for A/B roll capability. \$3,000. Buyer pays all shipping. **JVC KY-15 3 chip camera** w/ **JVC AU-410 dockable S-VHS deck, a/c adapter/charger**, Hard case, camera mount plate. \$2,700. Back-up AU-410, \$1200. BUyer pays all shipping. **Please contact Jodi at (612) 935-0033 (MN)** for details. 11/94.

## Tapes

**Used MII Tape**, limited number of MII tapes, Large cassettes, 30's, 60's 90's and small 20's, Most with low passes, most with factory cases. Good for many purposes. Buyer pays the shipping charges. **Contact Ed McKay or John Bishop at (704) 398-0046, or fax (704) 393-8407 (NC)** 8/94

**Panasonic M90L**, 4 new (still shrink wrapped), \$200.00. **Contact Bob Richardson, Jr. at 1-800-848-9752** 8/94

If you have equipment you would like included in the next Trading Post, please contact us in writing, either by fax or mail at MII Users Association of America, c/o GMG

## MII Rental Facilities

Contact the association if you would like your company added to this listing.

**Alpha Video** Edina, MN  
(612) 896-9898

Complete MII Edit Facilities

**AudioVisual Headquarters**

Rancho Dominguez, CA  
(310) 885-4200 Rent out 3-AU-65's,  
they have shipping cases.

**Avon Productions** S. Plainfield, NJ  
(908) 756-0643 Studio & Field MII,  
Cameras, etc.

**Avonix** Brookfield, WI  
800-222-6050  
Full line of MII available

**Broadcast Video Products**  
480 Main St Armonk, NY  
(914) 273-6649, Jack Miller

**Communications Televideo Ltd.**  
(CTL) Silver Spring, MD  
(301) 585-6311AU-65, D-3 AJD350  
Editor, D-3 AJD310 Camcorder

**Cinequipt** St Paul, MN  
(612) 646-1780 Full line of MII  
available

**Davis Audio Visual Inc** Denver, CO  
(303) 455-1122

**ECI Video** Dallas, TX  
800-880-9400  
AU-63H, AU-65H, WV F700 cam  
/AU-410 dockable

**Metrovronics, Inc.** Los Alamitos, CA  
(310) 430-3509 Full line of MII  
available

**Professional Desktop Video Systems**  
Glendale, CA  
800-862-7820  
Camcorder WV-F700/AU 410

**Pro Line Video** Austin, TX  
(512) 837-2000 x30  
Full line of MII available

**Video Management Systems**  
Indianapolis, IN  
(317) 639-6163 Sony M7 Cam., AU  
500 Portable MII Deck

**Video Replay** Chicago, IL  
(312) 467-0425 AU-66H

**Vidicomp Distributors**  
Houston, TX  
(713) 694-6400

**WGVI/WGVK-TV**

Grand Rapids, MI  
(616) 771-6666, TDD 800-748-0488  
AU-650, AU-500, AU-400

*Canadian Rentals:*

**Edcom Multimedia**

Kitchener, Ontario  
N2B 2E1  
(519) 578-2260 WV-F500/AU/-45H,  
AU-W35H

**Instructor Aids**

Halifax, Nova Scotia  
(902) 468-2226 WV-F250/AU45H,  
AU-W35H

**Inter-cite Video** Montreal, Quebec  
(514) 342-4545  
WV-F700/AU-410's, WV-F7000,  
AU-520S, WV-F500/AU-45H, AU-  
63H,(2) AU-65H ,(1) AU-W33H,  
(1)AU-W35H.

**Smith Sound Productions**

Charlottetown, P.E.I.  
(902) 386-2212 WV-F500/AU-45H,  
Full A/B Roll Edit Suite

**VidCom** Vancouver, B.C.  
(604) 732-9711 WV-F250/AU400  
Camcorder, AU-63, AU-65, AU-  
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- 1.0 - Upper Drum
- 2.0 - AC Head Stack
- 3.0 - Field Cleaning the Portable Unit
- 4.0 - Tape Path
- 5.0 - Cleaning the Pinch Roller
- 6.0 - Cleaning the Capstan
- 7.0 - Cleaning the Posts
- 8.0 - Cleaning the Fixed Posts
- 9.0 - Brush Assembly
- 10.0 - Cleaning the Earthing Assembly
- 11.0 - Final Disassembly and Cleaning
- 12.0 - Emergency Tape Unloading Procedures  
(+ Conclusion)

### (II.) LESSON 2 UPPER DRUM REPLACEMENT AND ELECTRICAL ALIGNMENT

Sections-

- 1.0 - Cleaner Roller Removal
- 2.0 - Mounting of Fixing Plate for Tip Protrusion Gauge
- 3.0 - Video Head Tip Protrusion for Measurement
- 4.0 - Removal of Upper Drum Assembly
- 5.0 - Upper Drum Re-assembly
- 6.0 - Eccentricity Gauge Adjustment
- 7.0 - Simplified At "x" Valve Adjustment

### (III.) LESSON 3 APPLICATIONS AND OVERVIEW (Including basic troubleshooting)

Sections-

- 1.0 - Introduction
- 2.0 - Stand Alone Single Machine Configuration
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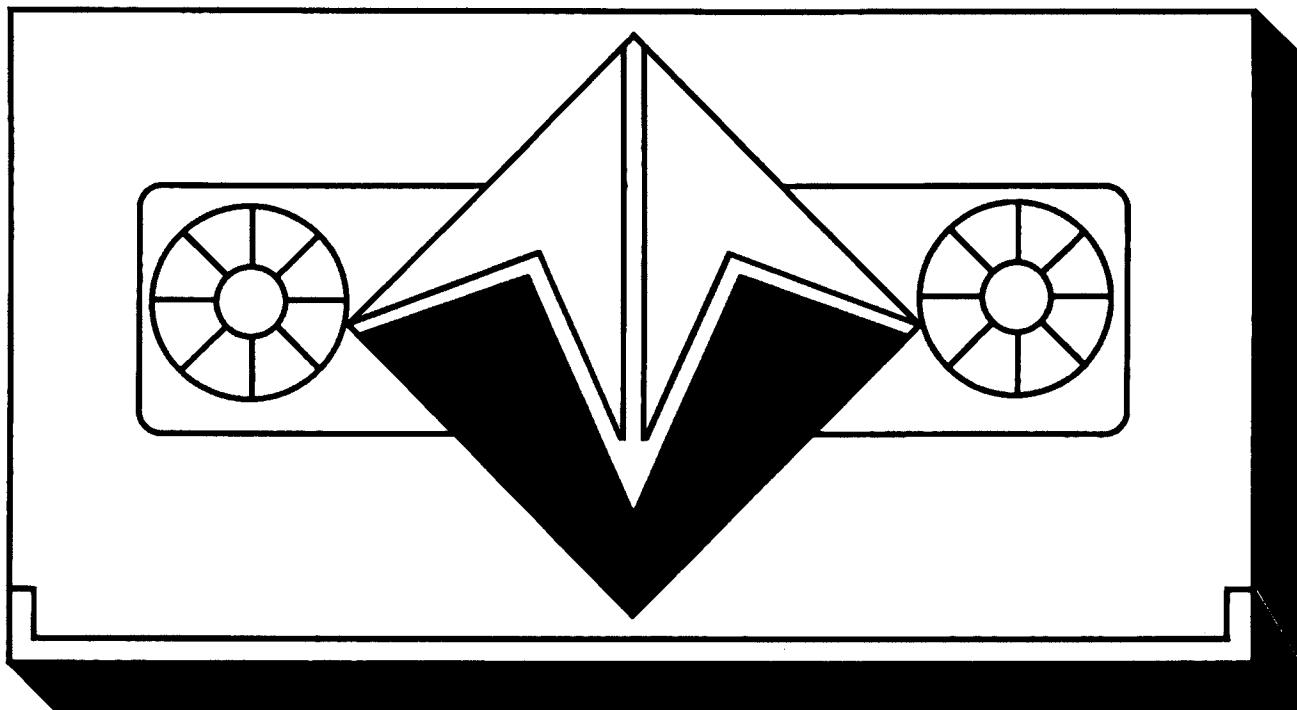
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*News from ...*

# Panasonic

## ATLANTA FIRE DEPARTMENT EXCELS AT INCIDENT MANAGEMENT

*Prototype vehicle Equipped with Panasonic DSP Cameras, MII Gear*

**Secaucus, NJ (January 1995)** -- The Atlanta Fire Department has recently begun taking along a valuable new partner to fires and other local emergencies. This highly effective adjunct is a truck outfitted with Panasonic MII EnHanced Series studio players and studio recorders, as well as the WV-F250 3-CCD color camera, and Digital Signal Processing 3-CCD models WV-500 and WV-E550.

Other Panasonic equipment on the truck includes BT color monitors, the AG-7750H S-VHS Recorder/Player/Editor and EGP-7 A?V switcher.

According to cable program manager Mykol Williams, camera operators position the WV-F250 and WV-500 as close as possible to the incident and establish a wireless link back to the truck, where the commander can quickly get an overall view of the fireground. In an exciting application of the new multipurpose WV-E550 DSP model, the camera is positioned on a 40' boom that also allows firefighters to oversee the fireground. The WV-E550 is connected to the IRIS system, a helmet equipped with a camera that literally sees through smoke, and in tandem the cameras transmit a video signal back to the truck, delivering an unprecedented, immediate look at the center of the fire.

"We provide this point of view to the media as well," explained Williams. "We place three audio and video feeds at the side of the vehicle. Reporters can get a closehand look at the emergency, but we can keep them at a distance and out of harm's way."

"We also use the truck to gather footage for training and post-event analysis. Because we can record with time code with the AU-65H, we're a commitment to install a satellite uplink that will transmit video live from an incident to finding it much easier to quickly and accurately assemble edit."

Ray Edwards, Panasonic's National Law Enforcement Video Manager, commented, "The Atlanta Fire Department's compelling application of the Equipment is a vivid argument for the growing importance of video in public safety. Panasonic has the most diverse product lines, and can provide customers turnkey systems with top performance characteristics."

In Atlanta, the vehicle has had such dramatic impact that it is being considered for use by the Federal Emergency Management Association. Also, later this year, AT&T has made a commitment to install a satellite uplink that will transmit video live from an incident to mayors, hospitals, police and fire chiefs. Municipal executives will receive the video via a satellite dish and code that will be provided by AT&T; plans are to equip the Atlanta mayor with a portable "suitcase" system so he can view an emergency site from anywhere in the world.

"We went with MII because AT&T asked that we use a true broadcast format," Williams said. With MII, we achieve the requisite quality at a reasonable cost, and we have multi-generation capability and 90-minute record time."

"We chose the WV-F500 and WV-E550 because they give us the detail and reproduction we need when we're looking through smoke and debris -- very tough conditions," he explained. There's very little that compares in quality to the WV-F500 unless you're willing to spend a lot of money. DSP is making a real difference, particularly with set-up repeatability. We use the pre-sets to define various fire environments, so that under the most volatile conditions imaginable we can get right to the setting we need."

"The broadcast point-of-view WV-E550 yields an exceptionally clear overall view of incidents. With multiplexed control system we can control the camera, lens and pan/tilt functions with a single coax cable. Both cameras are performing very, very well in low light situations."

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The Atlanta Fire Department uses a truck outfitted with Panasonic MII EnHanced Series studio players and recorders, and Panasonic DSP cameras. Also, the Department has placed Panasonic's multipurpose WV-E550 DSP camera on a 40-foot boom that allows firefighters to oversee the fireground.

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## TECHNICAL BULLETINS!

If you have purchased or are about to receive a new WV-F565/AU45H camcorder, you should know the following-

An improper setting in an internal hidden menu in the camera occurs in the first 100 of so units sent to the U.S. This will manifest itself as a pixilated distortion in the picture. Panasonic engineers have rebounded quickly to this issue and there is an adjustment that can be performed by an authorized Panasonic Service center in less than 60 seconds at no charge. It involves internal circuitry in a set up menu where the y sync level and composite sync level are 190 nanoseconds apart. Since the 45H relies on both these sync levels for reference (as opposed to the AU/410S, which does not), the difference in the levels has caused new units to exhibit the aforementioned artifact. It is a quick simple adjustment, but...

In other words, only an authorized Panasonic repair center familiar with the issue can make the adjustment. In this hidden menu. If you, your dealer, or your repair center need more information on this procedure, please call Mr. Rick Tucker at the Panasonic Repair Center in Rockville, MD at (301) 762-5125 or (301) 738-2313.

The good news is once this adjustment is made, this camcorder takes beautiful pictures. One of our crews on-site at Disney world brought back the best looking video we have ever seen in an analog format. More WVF565 info to come.

On the WV "Bearding" issue discussed in prior issues, an unofficial fix to be documented in a service bulletin has corrected the problem. Panasonic is pursuing the factory in Japan to finalize this bulletin for distribution. We are also requesting an immediate resolution to the

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